

To: Landis, Victor[vlandis@pa.gov]; Nesmith, Rodney[rnesmith@pa.gov]; Repetz, John[JREPETZ@pa.gov]; Conrad, Robert[roconrad@pa.gov]; Langer, Lynn[l langer@pa.gov]; Kunkel, Summer[sukunkel@pa.gov]
Cc: Ham, Greg[Ham.Greg@epa.gov]; Leib, Kerry[kleib@pa.gov]; Bebenek, Maria[mbebenek@pa.gov]
From: Moore, Brian
Sent: Thur 6/11/2015 5:49:56 PM
Subject: RE: Fact Sheet - CW update

Thanks Victor

From: Landis, Victor
Sent: Thursday, June 11, 2015 1:45:19 PM
To: Nesmith, Rodney; Moore, Brian; Repetz, John; Conrad, Robert; Langer, Lynn; Kunkel, Summer
Cc: Greg Ham; Leib, Kerry; Bebenek, Maria
Subject: RE: Fact Sheet - CW update

Fact sheet looks good.

My inspector has taken two TOC samples and is enroute to the Lab. As best we can tell the first sample was taken near the front edge of the plume where Route 74 crosses the Conewago Creek in Dover Township (just south of Pinchot Park). There is some minor discoloration in the creek. DO reading of 7.52. This location is below where Bermudian Creek enters Conewago Creek.

Second sample obtained further upstream where Davidsburg Road crosses the Conewago Creek in Washington Township. Creek is discolored and DO reading was low at 3.83.

No dead fish were observed during sample collection.

Still waiting on sampling plan from Miller's consultant. They said it will be sent soon.

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From: Nesmith, Rodney
Sent: Thursday, June 11, 2015 12:05 PM
To: Moore, Brian; Repetz, John; Conrad, Robert; Langer, Lynn; Kunkel, Summer
Cc: Landis, Victor; Greg Ham; Leib, Kerry
Subject: RE: Fact Sheet

Suggested changes, in red.

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From: Moore, Brian

Sent: Thursday, June 11, 2015 11:57 AM
To: Repetz, John; Conrad, Robert; Langer, Lynn; Kunkel, Summer
Cc: Nesmith, Rodney; Landis, Victor; Greg Ham; Leib, Kerry
Subject: RE: Fact Sheet

I did make the highlighted change

From: Moore, Brian
Sent: Thursday, June 11, 2015 11:54 AM
To: Repetz, John; Moore, Brian; Conrad, Robert; Langer, Lynn
Cc: Nesmith, Rodney; Landis, Victor; Greg Ham; Leib, Kerry
Subject: Fact Sheet

All,

Please take a look at the information below and update it as you see fit. We need to get a good contact number to give out. If possible a dedicated line where we can collect messages would be best or we can use the main line, collect the information and then return calls. If someone wants something more specific please let me know. I do anticipate getting Greg Ham w/ the EPA more involved on the private well front.

Brian

On Monday June 8th 2015 there was a fire at Miller Chemical and Fertilizer. Miller Chemical and Fertilizer is a manufacturer of water soluble fertilizers used for commercial agricultural crops as well a supplier of soil amendments. Miller Chemical and Fertilizer has indicated that it does not manufacture or store herbicide or pesticide products at this facility. No pesticide or herbicide compounds have been detected by the Department in the runoff from the fire. Due to the large amount of runoff from the firefighting efforts contaminated runoff has entered Slagle's Run and the South Branch of the Conewago Creek. The runoff is colored red or purple and is very visible in the waterways.

What is to be expected:

- 1) Discoloration and foaming is expected in Slagle's Run and the South Branch of the Conewago Creek. The discoloration may vary from red to purple or brown depending on the depth of the water and the the amount of sediment. Foaming should be expected near low head dams and other areas of disturbance such as rocks and rapids.
- 2) The runoff contains high concentrations of nutrients and organic matter from the fertilizer products stored and manufactured packaged at the facility. Due to the high concentration of organic carbon, the Department is seeing low levels of dissolved oxygen in some areas of Slagle's Run and the South Branch of the Conewago. Additionally, with the presence of ammonia compounds in the water we are seeing and expect to see distressed aquatic life including fish kills.
- 3) At this time the impacts to private wells are expected to be minimal if the wells are properly constructed and cased. Owners of private wells should monitor their water for discoloration and contact the Department if they see visible discoloration [providing a number]. If an owner of a private well wishes to take further action they can work with a private lab to monitor for Nitrate, Nitrite, Iron, Manganese [why are these capitalized?] and Total Organic Carbon (TOC). Additional information regarding private wells can be obtained on the Departments Website at:
http://www.depweb.state.pa.us/portal/server.pt/community/private_water_wells

- 4) The discoloration and foam is expected to continue until the material can be stopped from entering Slegel's Run. Due to the large volume of runoff involved this may take several days to complete.
- 5) While the waterways are discolored citizens should refrain from recreating or fishing.

What about the Susquehanna River?

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